



Second Quarter 2011

Provided by the North American Numbering Plan Administration

## 2010 NANPA Performance Evaluation

At the May meeting of the North American Numbering Council (NANC), the Numbering Oversight Working Group (NOWG) presented its evaluation of NANPA's 2010 performance. NOWG rated Neustar's performance as the NANPA as "more than met" indicating that NANPA's work met and often exceeded the requirements established by the industry and the FCC. A copy of the report can be found on the NANC Chair website ([www.nanc-chair.org](http://www.nanc-chair.org)).

The basis of the evaluation was the NOWG's in-depth review of NANPA activities and survey responses received from 45 telecommunications service providers and 29 state regulators. NOWG's interactions with NANPA, including monthly NOWG/NANPA status meetings, NANPA's annual operational review, the change order review process and NANPA reports to the NANC are all considered in the evaluation.

According to the NOWG, during 2010, the NANPA "revealed a high level of client satisfaction with the continued perseverance, professionalism, and expertise exhibited by NANPA personnel when performing their NANPA duties. The NANPA continued to consistently and effectively

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## Introduction of Online Meeting to NPA Relief Planning Process

Over the years, the NPA relief planning process has evolved from one to two day face-to-face meetings to the exclusive use of conference calls. This change significantly enhanced the process, increasing participation in the meetings while eliminating costly travel and associated expenses. Further, technology was used in the form of the NANP Administration System (NAS) NANP Notification System (NNS) as the primary tool to inform the industry of relief planning activities and to store associated relief planning documents.

As part of this evolution, NANPA is pleased to announce that it will be incorporating an online meeting feature (i.e., web conferencing) as a tool for viewing the relief planning and implementation documents discussed during relief planning meetings. This tool will be especially useful viewing the rate center maps, the details of a particular NPA and specific charts. It will also be used in reviewing draft petitions, approved regulatory decisions and in reaching consensus in determining the recommended relief interval dates, i.e., start of permissive dialing and mandatory dialing.

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## The "ABCs" of NPA relief planning

NANPA, as a neutral third party, is responsible for forecasting the exhaust of geographic area codes and initiating the process known as area code relief planning. Since 1998, Neustar, as the NANPA, has initiated over 140 area code relief projects and filed nearly 120 area code relief petitions with state regulatory agencies. Even so, many inside and outside the telecom industry remain unfamiliar with the NPA relief process.

The relief planning process starts with NANPA projecting the exhaust of an NPA. Area code exhaust occurs when all the prefixes (also known as central office codes) are assigned. Each area code contains 1,000 prefixes, but those prefixes beginning with a "zero" or "one" (a total of 200 prefixes) are not permitted.

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### Mark Your Calendar!

#### INC Calendar

INC 119: August 23-25, 2011  
Ottawa, Canada

INC 120: October 18-20, 2011  
St. Louis, MO

INC 121: December 12-16, 2011  
Washington, DC

#### NANC Calendar

Sep 15 Washington, DC

Dec 15 Washington, DC

## News Brief

Teri Laslo, NANPA's new Customer Support Desk representative, has assumed code administration responsibilities for the area codes in New York and California.

Since the beginning of 2011, NANPA has assigned 325 544 NPA NXX codes. A total of 50 codes have been returned/reclaimed. As of June 30, 2011, there were 493 5YY NXX codes available for assignment. Based on current NRUF forecast data and assignment information, NANPA projects the next 5YY NPA (NPA 566) will be needed in the 1Q2012.

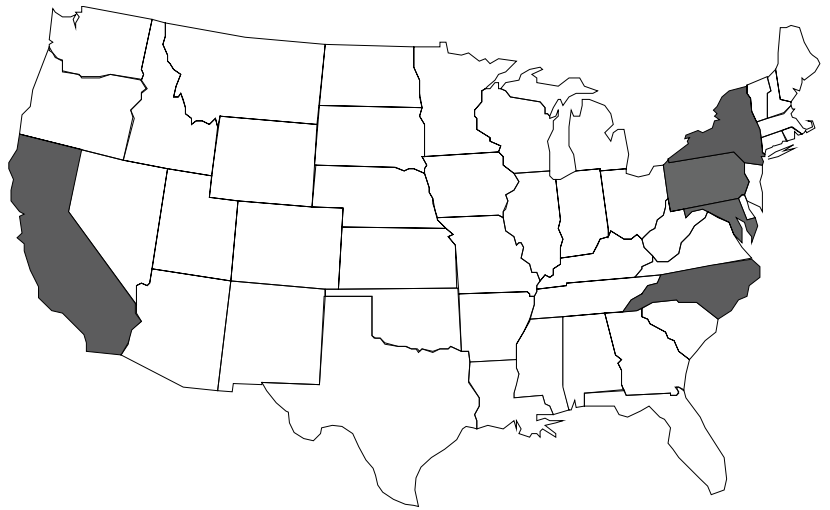
The NPA and NANP exhaust projections were posted on the NANPA website on April 28, 2011.

Permissive dialing of the Sint Maarten 721 NPA is scheduled to begin on September 30, 2011. Mandatory dialing begins March 31, 2012. (See PL-418).

New NAS passwords assigned starting May 2, 2011 will not include the lower case "L" letter as part of the password. This modification was made to avoid confusion with the number "1" appearing in a password.

NAS User Guides have been updated and posted to the NANPA website. They can be found under "Tools," "NAS User Guides."

The FCC issued a bridge contract, extending the NANPA contract from July 9, 2011 through January 8, 2012. ■



## Area Code Relief Planning Activity

*New York 718/347 NPAs relief completed* — In December 2009, the State of New York Public Service Commission approved an all-services overlay as the relief method for the 718/347 NPAs. The new 929 NPA, serving the same geographic area currently served by the existing 718/347 NPA complex, went into service on April 16, 2011. (See PL-402).

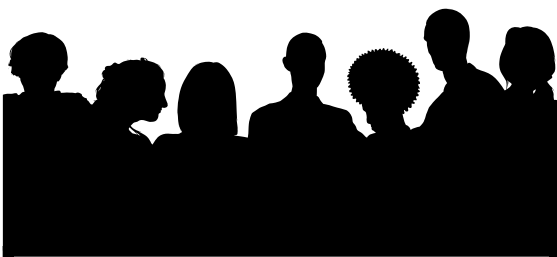
*North Carolina 919 relief ordered* — In 2001, the North Carolina Utilities Commission (NCUC) approved an overlay of the existing 919 NPA. In October 2001, the NCUC indefinitely deferred the implementation of 10-digit mandatory dialing and the in-service date for the 984 NPA. On April 28, 2011, NANPA notified the NCUC of the projected exhaust date of the 919 NPA (2Q12) and the need to initiate the implementation of the 984 NPA. Mandatory ten-digit dialing is scheduled to begin March 31, 2012. The planned in-service date is April 30, 2012. (See PL-422).

*Pennsylvania 814 NPA* — On December 17, 2010, the Pennsylvania Public Utilities Commission (PUC) ordered an NPA split as the relief method for the 814 NPA. The new 582 NPA will serve the northwestern portion of the existing 814 NPA. On January 13, 2011, the PUC granted numerous petitions for reconsideration, pending review of the merits. Input meetings were held in late May and will continue over the next few months.

*New Relief Application filed in California 408 NPA* — On December 2, 2010, NANPA conducted an NPA relief planning meeting for the CA 408 NPA. Public input meetings took place on March 16-18, 2011. On May 20, 2011, NANPA, on behalf of the industry, filed a relief application recommending an all-services distributed overlay as the preferred form to relieve the 408 NPA.

*Maryland 410/443 relief nearing* — In January 2001, the Maryland Public Service Commission (PSC) approved an all-services overlay of the existing 410/443 NPA complex. NPA 667 has been assigned as the relief NPA. NANPA is to notify the PSC and the industry when the 410/443 NPA complex is within ten months of exhaust. ■

## Meet your NANPA



**Name:** Wayne Milby

**Position:** Sr. NPA Relief Planner

**Current Responsibilities:** Conducts area code relief planning for the Eastern region. Prepares NPA relief planning documents, facilitates relief planning meetings, files relief petitions with the appropriate regulatory authorities, conducts the initial implementation meetings and issues the resulting planning letters.

**Time with NANPA:** 14 years

**Work Background:** Prior to joining Neustar's NANPA in 1997, Wayne served as a Supply Officer in the US Navy and held various positions with Bell Atlantic and C&P Telephone. During his last four years with Bell Atlantic, he was the Manager, Regional NPA/Code Administration and performed similar functions to his current responsibilities with NANPA.

**Interesting Tidbit:** Wayne is a Virginia Tech graduate with a Bachelor's of Science Degree in Architectural Engineering. He developed the spreadsheet used as the basis for the model that permits the lifetimes of modified relief planning alternatives to be determined dynamically during relief meetings.

**Outside the office:** Wayne sings in the choir and quartets at his church and enjoys fishing with his sons on his brother's crab boat. He has seven children and eight grandchildren. His daughter is an aspiring actress and recently appeared in an episode of Criminal Minds. ■

## 2010 NANPA Performance Evaluation

*continued from page 1*

demonstrate their expertise as the custodian of numbering resources in all areas in which they were involved.”

Each year, the NANC is responsible for conducting a performance evaluation of the NANPA. In response to the evaluation, NANPA prepares a Performance Improvement Plan (PIP), which addresses those items identified by the NOWG that require NANPA attention. For 2011, the NOWG expressed their desire for NANPA to continue monitoring Change Order 18 issues associated with the new Donation Discrepancy Report and the enhanced Utilization Missing Report. In addition, NANPA will consider the use of training videos for NRUF, NAS and other training opportunities for posting on the NANPA website as well as the employing live meeting tools in conjunction with relief planning activities.

The 2010 NANPA performance survey was the first year an on-line capability was available for respondents to provide their input.

NANPA would like to thank all of those entities that took time out to provide their input on this important matter. Your feedback on NANPA's performance is extremely important in our continuous efforts to meet our customers' requirements. Thanks again for your participation. ■

### Check Your NRUF!

Are you sure you reported on all assigned thousands-blocks and/or codes? Have you correctly reported on thousands-blocks donated to the Pooling Administrator?

For the upcoming NRUF cycle, service providers will be reporting the status of their assigned thousands-blocks and/or codes as of June 30, 2011. With each reporting period, there is a high volume of assigned central office codes and thousands-blocks for which service providers fail to report utilization. To avoid receiving a missing utilization/ anomalous notification, a service provider should check the following NAS reports to ensure it reported on all assigned resources.

The Utilization Missing Report (UMR) identifies both geographic central office codes (NXXs) and thousands-blocks (NPA-NXX-Xs) where the service provider did not include utilization on assigned resources for the current NRUF submission cycle. Once the NRUF submission has been processed, the service provider can access the UMR and identify specific codes and/or thousands-blocks assigned to the service provider's OCN where no utilization was reported. The service provider can then take appropriate steps to report utilization on these resources.

A second report for service providers to review is the Donation Discrepancy Report (DDR). For blocks a service provider has indicated as “donated” on its NRUF submission, the DDR will detect specific thousands-blocks marked as “donated” but are shown as “assigned” in the Pooling Administrator assignment data to the same OCN that indicated the thousands-blocks was donated. These discrepancies should be addressed directly with the Pooling Administrator.

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## August 1, 2011 NRUF Reminder

NANPA reminds service providers that their NRUF Form 502 is due on or before close of business on Monday, August 1, 2011. Carriers are reminded to report utilization data as of June 30, 2011 and forecast data for the next 4½ years, with Year 1 on all forecast forms referring to resources needed for the remainder of 2011.

If a carrier needs to update the February 1, 2011 forecast between July 1 and July 31, the carrier must submit the August 1, 2011 NRUF. If the carrier has not yet finished the utilization reporting at that time, the carrier can submit the new NRUF for August 1, and then update the NRUF to include the utilization portion(s) on or before August 1, 2011.

Please see the NANPA website, [www.nanpa.com](http://www.nanpa.com), through “Services” then “NRUF Data Collection & Analysis” for directions regarding methods of submission and how to download the recently-updated NRUF 502 Geographic Job Aid and/or the Non-Geographic Job Aid.

As a reminder, if you have not already registered to be a user of NAS, you must do so prior to submitting your NRUF. This applies to all reporting carriers who intend to submit NRUF information. Also, please be sure your NAS registration is still active (i.e., your NAS password has not expired). For assistance with NAS registration and password issues, please contact the NAS Customer Support Desk at 1-866-623-2282 or [nanpa-login@neustar.biz](mailto:nanpa-login@neustar.biz).

NRUF-specific questions regarding this reminder should be directed to 571-434-5789 or 301-885-2428. ■

## Introduction of Online Meeting to NPA Relief Planning Process

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Details associated with using online meetings will be included in meeting notices distributed prior to relief planning activities. Documents to be reviewed will continue to be available via NAS NNS for download. ■

## The “ABCs” of NPA Relief Planning

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Further, prefixes such as 411, 911 and other “N11” codes (a total of eight codes) are used for special purposes, leaving 792 prefixes available in each NPA. When all of these prefixes are assigned, another area code is needed. NANPA publishes its forecasted exhaust of all of the area codes on a semi-annual basis. The forecast is used in determining when to start the process of adding another area code.

Three years prior to the forecasted exhaust date for an NPA, NANPA identifies various alternatives to introduce the new area code, either by splitting the current area code and introducing a new NPA or by overlaying a new area code on top of the existing geographical area. Using these alternatives as a starting point, NANPA convenes the service providers operating in the affected NPA together to review and decide which method they wish to recommend to the state regulatory authority. Additional relief alternatives may be identified during these meetings. Once the telecommunications industry reaches consensus on a particular relief plan, NANPA files this recommendation on behalf of the industry in the form of a petition with the state regulatory authority.

The state regulatory authority is responsible for making the final decision concerning the NPA relief method to be implemented. The state may conduct public meetings to get input from the general public on the various forms of relief. NANPA may participate in these meetings and provide assistance in explaining the options available. Once the state makes its decision on the type of NPA relief to be implemented (i.e., a split or an overlay), NANPA assigns the new area code.

With the relief method identified, the final step is implementation. NANPA will conduct an initial implementation meeting with the telecommunication companies – this time to determine when to implement the new area code. Issues such as dates and times for changing the dialing plan (known as permissive dialing) and determining when prefixes can be assigned from the new NPA are addressed. Specifics concerning the plan for implementing the new NPA are published in a NANPA Planning Letter. Often included in the planning letter is a rate center map of the new area code. The NANPA Planning Letter is posted on the NANPA website and serves notice to the telecommunications industry and general public that a new area code will be introduced.

The relief planning process is described in detail in the document entitled NPA Code Relief Planning and Notification Guidelines, ATIS-0300061, which can be found on the ATIS website at [www.atis.org/inc/incguides.asp](http://www.atis.org/inc/incguides.asp). ■

## Modifications to ‘Proof of Readiness’ Requirement

The Central Office Code Assignment Guidelines (COCAG), COCAG Appendix A, Thousands-Block Number Pooling Administration Guidelines (TBAG), and TPBAG Appendix 6, have been updated by the Industry Numbering Committee (INC) to reflect the acceptable forms of proof of facilities readiness.

Appropriate evidence that facilities are in place or will be in place to provide service within 60 days of the numbering resource’s effective date is required with each initial resource request. The INC revised and eliminated some of the forms of proof of facilities readiness documentation accepted by the Pooling Administrator (PA) and the NANPA.

The following forms of documentation have been removed from the acceptable types of documentation and will no longer be accepted by the PA or the NANPA:

- Service Provider (SP) developed business plans to provide service in this area. Relevant excerpt from the Business Plan to include planned coverage area and in service dates.
- A letter from the SP indicating the scheduled switch installation complete date (month/date/year), including the address location, as well as Point of Interconnection, or CLLI.
- The construction schedule including the following information: site identifier, latitude and longitude of the cell site, and its construction start or complete date. The numbers assigned to the facilities identified must serve subscribers in the geographic area corresponding with the rate center requested.

The following is the revised list of acceptable proof of facilities readiness documentation for initial resource requests. Evidence may be provided by submitting a copy of any one of the following document(s)<sup>25</sup> the service provider selects:

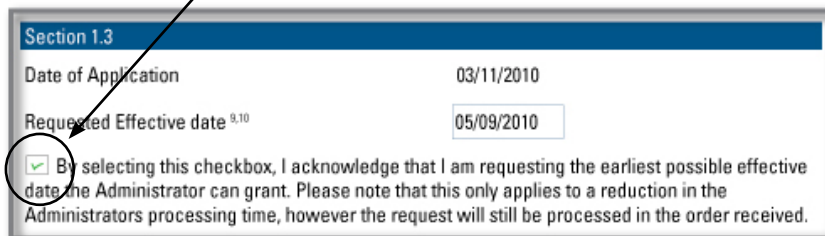
<sup>25</sup> There may be additional or different criteria requested by state regulators. See FCC 00-104 ¶ 98

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## Effective Date on CO Code Applications – A Reminder

In order to indicate the effective date you would like the NANPA Code Administrator to grant for your code requests, applicants submitting Central Office Code (NXX) Assignment Requests - Part 1 forms, should note the following. These tips apply both to Part 1 requests entered directly into the NANP Administration System (“NAS”) and the Pooling Administration System (“PAS”):

- If you want NANPA to issue a specific effective date, please indicate the effective date you would like in the Remarks/Comments field located on the bottom of the Part 1 form.
- If you want NANPA to issue the earliest effective date possible from the day your request is processed by NANPA, please indicate a check in the Section 1.3 check box field.



The screenshot shows a form section titled "Section 1.3". It contains two rows of information: "Date of Application" with the value "03/11/2010" and "Requested Effective date<sup>9,10</sup>" with the value "05/09/2010". Below these is a checkbox that is checked, followed by the text: "By selecting this checkbox, I acknowledge that I am requesting the earliest possible effective date the Administrator can grant. Please note that this only applies to a reduction in the Administrators processing time, however the request will still be processed in the order received." A red circle highlights the checked checkbox.

This will indicate to NANPA to process a new code request or a disconnect request with a 52 calendar day effective date; and any other type of change request with a 37 calendar day effective date.

- If you are requesting NANPA to issue an Effective Date shorter than the allowable standard time frames (an expedite), place a check mark in the Expedite box, and state “AOCN letter submitted” and/or “Homing Tandem Company letter submitted” in the Expedite Explanation field. The necessary expedite documentation must accompany the Part 1 request. If you are serving as your own AOCN, please state “We are serving as our own AOCN, and will waive [1-7] days to update BIRRDs”. Please note that if you want NANPA to issue a specific effective date, please indicate the effective date you would like in the Remarks/Comments field located on the bottom of the Part 1 form. ■

## Check Your NRUF!

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NANPA will not send notifications regarding the discrepancies on the DDR.

These reports were created as a tool to assist service providers in accurately reporting on assigned resources. As such, service providers are strongly encouraged to log into NAS and review these reports. ■

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Neustar, Inc.

Managing editor and  
contributing writer  
John Manning

Contributing writers  
Al Cipparone  
Joe Cocke  
Wayne Milby  
LaShanda Tomlinson

Design layout  
Tara Carey

Neustar, Inc.  
President and CEO  
Lisa Hook

Vice President,  
Customer Relations  
Michael O'Connor

Director, NANPA  
John Manning

Neustar, Inc.  
Corporate Headquarters  
21575 Ridgeway Circle  
Sterling, VA 20166 USA

[www.neustar.biz](http://www.neustar.biz)  
[www.nanpa.com](http://www.nanpa.com)

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- A current executed interconnection agreement between a Local Exchange Carrier and the service provider requesting numbering resources. The relevant pages are the cover page, area covered and the signature page from the interconnection agreement. In the case that the name on the interconnection agreement does not match the SP's name on the application, the applicant shall provide documentation linking the name on the application with the name on the interconnection agreement.
- Documentation of the state commission approval of the current interconnection agreement. In the case that the name on the state commission documentation does not match the SP's name on the application, the applicant shall provide documentation linking the name on the application with the name on the state commission documentation.
- The Service Provider business plan/pre-planning checklist (see Appendix A) to show that facilities for origination or termination for calls being used specifically for the requested code(s) have been requested and are anticipated to be completed prior to the effective date of the code.
- A confirmation letter or letter of intent provided by the LEC with which the requesting SP will interconnect. Interconnecting LECs are encouraged, but not required, to provide such letters.
- A letter from the requesting SP identifying a code in service in another rate center that already uses the same facilities and CLLI code that will be used to serve the new rate center where the initial code is being requested and reflected on the application.

All documentation submitted will be held confidential pursuant to FCC confidentiality rules.<sup>26</sup> ■

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<sup>26</sup> 47 CFR, § 52.13 (c) (7)